Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021424\
Data File : BM044087.D
Acq On : 14 Feb 2024 17:50
Operator : MA/JU
Sample : P1423-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-3MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

Quant Time: Feb 15 01:02:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 02:42:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	523550	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	2197898	20.000	ng		-0.01
39) Acenaphthene-d10	14.545	164	1159919	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	2132752	20.000	ng		0.00
76) Chrysene-d12	21.503	240	1490957	20.000	ng		0.00
86) Perylene-d12	23.897	264	1718554	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	4663808	129.561	ng		0.00
7) Phenol-d6	7.081	99	5432379	118.610	ng		0.00
23) Nitrobenzene-d5	9.080	82	3626993	87.566	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	1329803	105.887	ng		0.00
45) 2-Fluorobiphenyl	13.174	172	6973173	84.845	ng		0.00
79) Terphenyl-d14	19.944	244	7249329	85.236	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.404	88	529626	37.073	ng	#	33
3) Pyridine	3.798	79	1320903	35.022	ng		100
4) n-Nitrosodimethylamine	3.710	42	664453	46.432	ng		99
6) Aniline	7.239	93	982911	21.827	ng		99
8) 2-Chlorophenol	7.469	128	1865171	49.618	ng		98
9) Benzaldehyde	7.051	77	217639	9.247	ng		99
10) Phenol	7.104	94	2040449	44.143	ng		99
11) bis(2-Chloroethyl)ether	7.339	93	1766469	46.149	ng		99
12) 1,3-Dichlorobenzene	7.792	146	1665102	39.014	ng		98
13) 1,4-Dichlorobenzene	7.939	146	1698795	39.488	ng		99
14) 1,2-Dichlorobenzene	8.251	146	1657334	40.430	ng		99
15) Benzyl Alcohol	8.157	79	1500478m	50.316	ng		
16) 2,2'-oxybis(1-Chloropr...	8.433	45	2140951	44.121	ng		99
17) 2-Methylphenol	8.351	107	1466300	48.325	ng		98
18) Hexachloroethane	8.975	117	640679	39.774	ng		98
19) n-Nitroso-di-n-propyla...	8.728	70	1285936	45.724	ng		99
20) 3+4-Methylphenols	8.686	107	1993621	47.739	ng		99
22) Acetophenone	8.739	105	2560325	45.893	ng	#	99
24) Nitrobenzene	9.122	77	1834250	43.245	ng		98
25) Isophorone	9.645	82	3627086	45.477	ng		100
26) 2-Nitrophenol	9.822	139	923897	46.981	ng		99
27) 2,4-Dimethylphenol	9.886	122	1386494	55.139	ng		98
28) bis(2-Chloroethoxy)met...	10.133	93	2372532	45.996	ng		100
29) 2,4-Dichlorophenol	10.357	162	1602661	48.410	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	1508080	40.511	ng		99
31) Naphthalene	10.757	128	5085990	41.927	ng		100
32) Benzoic acid	9.975	122	230594	9.104	ng		97
33) 4-Chloroaniline	10.874	127	341404	7.432	ng		99
34) Hexachlorobutadiene	11.027	225	791482	37.145	ng		99
35) Caprolactam	11.680	113	393653	36.952	ng		93
36) 4-Chloro-3-methylphenol	12.004	107	1653818	46.134	ng		99
37) 2-Methylnaphthalene	12.368	142	3430477	42.455	ng		98
38) 1-Methylnaphthalene	12.586	142	3258520	41.040	ng		99
40) 1,2,4,5-Tetrachloroben...	12.733	216	1535109	45.532	ng		99
41) Hexachlorocyclopentadiene	12.704	237	1342504	91.242	ng		99
43) 2,4,6-Trichlorophenol	12.980	196	1114170	48.559	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	1166799	46.339	ng		97
46) 1,1'-Biphenyl	13.386	154	4326378	47.269	ng		100
47) 2-Chloronaphthalene	13.427	162	3314064	45.710	ng		100
48) 2-Nitroaniline	13.639	65	1041769	51.076	ng		98
49) Acenaphthylene	14.274	152	5344754	49.413	ng		99
50) Dimethylphthalate	14.021	163	3971987	46.185	ng		99
51) 2,6-Dinitrotoluene	14.145	165	864078	45.540	ng		99
52) Acenaphthene	14.615	154	3053626	45.615	ng		99
53) 3-Nitroaniline	14.468	138	539208	26.443	ng		97
54) 2,4-Dinitrophenol	14.674	184	28647	7.927	ng		97
55) Dibenzofuran	14.951	168	4715664	45.512	ng		98
56) 4-Nitrophenol	14.780	139	1149809	69.364	ng		97
57) 2,4-Dinitrotoluene	14.927	165	1140222	45.978	ng		99
58) Fluorene	15.598	166	3566262	44.542	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.174	232	774418	39.195	ng		96
60) Diethylphthalate	15.386	149	4050784	45.575	ng		99
61) 4-Chlorophenyl-phenyle...	15.598	204	1661522	42.828	ng		97
62) 4-Nitroaniline	15.633	138	905318	44.105	ng		98
63) Azobenzene	15.892	77	4010927	48.099	ng		99
65) 4,6-Dinitro-2-methylph...	15.686	198	55156	4.340	ng		97
66) n-Nitrosodiphenylamine	15.815	169	3258450	50.288	ng		99
67) 4-Bromophenyl-phenylether	16.498	248	1002280	47.532	ng		99
68) Hexachlorobenzene	16.592	284	1132054	43.827	ng		97
69) Atrazine	16.780	200	988176	56.323	ng		98
70) Pentachlorophenol	16.956	266	380590	22.650	ng		99
71) Phenanthrene	17.345	178	5375881	47.733	ng		100
72) Anthracene	17.433	178	5427901	48.682	ng		99
73) Carbazole	17.709	167	4965435	45.793	ng		99
74) Di-n-butylphthalate	18.286	149	6749075	47.885	ng		100
75) Fluoranthene	19.362	202	5553826	43.900	ng		99
77) Benzidine	19.562	184	1392414	60.095	ng		99
78) Pyrene	19.727	202	5705195	49.685	ng		100
80) Butylbenzylphthalate	20.650	149	2812357	55.100	ng		98
81) Benzo(a)anthracene	21.491	228	5021436	48.418	ng		99
82) 3,3'-Dichlorobenzidine	21.427	252	1317433	38.716	ng		98
83) Chrysene	21.544	228	4730078	48.275	ng		99
84) Bis(2-ethylhexyl)phtha...	21.439	149	3888977	51.640	ng		100
85) Di-n-octyl phthalate	22.374	149	7008464	53.286	ng	#	88
87) Indeno(1,2,3-cd)pyrene	26.391	276	5994512	49.283	ng		99
88) Benzo(b)fluoranthene	23.174	252	5170630	48.131	ng		99
89) Benzo(k)fluoranthene	23.221	252	4900694	48.008	ng		99
90) Benzo(a)pyrene	23.797	252	4705130	50.143	ng		99
91) Dibenzo(a,h)anthracene	26.415	278	4970427	48.853	ng		99
92) Benzo(g,h,i)perylene	27.150	276	4877782	47.273	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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